

### 2020 CERTIFICATION

Consumer Confidence Report (CCR) PWS-ID #s for all Community Water Systems included in this The Federal Safe Drinking Water Act (SDWA) requires each Community Public Water System (PWS) to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. CCR DISTRIBUTION (Check all boxes that apply.) INDIRECT DELIVERY METHODS (Attach copy of publication, water bill or other) DATE ISSUED Advertisement in local paper (Attach copy of advertisement) □ On water bills (Attach copy of bill) □ Email message (Email the message to the address below) □ Other DIRECT DELIVERY METHOD (Attach copy of publication, water bill or other) DATE ISSUED □ Distributed via U. S. Postal Mail □ Distributed via E-Mail as a URL (Provide Direct URL): □ Distributed via E-Mail as an attachment □ Distributed via E-Mail as text within the body of email message Published in local newspaper (attach copy of published CCR or proof of publication) 6-24-2021 □ Posted in public places (attach list of locations) □ Posted online at the following address (Provide Direct URL): \_ **CERTIFICATION** I hereby certify that the CCR has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the PWS officials by the MSDH, Bureau of Public Water Supply **SUBMISSION OPTIONS** (Select one method ONLY) You must email, fax (not preferred), or mail a copy of the CCR and Certification to the MSDH. Mail: (U.S. Postal Service) Email: water.reports@msdh.ms.gov MSDH, Bureau of Public Water Supply P.O. Box 1700 Fax: (601) 576-7800 (NOT PREFERRED) Jackson, MS 39215

### 2020 Annual Drinking Water Quality Report McNair Stampley Waterworks PWS#: 0320003, 0320010 & 0320015 June 2021

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We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Catahoula Formation Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the McNair Stampley Water Association have received lower to moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Jessie Hayden at 601.443.3446. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Thursday of each month at 7:00 PM at the main office.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2020. In cases where monitoring wasn't required in 2020, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Level 1 Assessment: A study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

<b>PWS ID #: 0</b>	J32000	3		TEST RES	_	-		-					
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detect # of Samples Exceeding MCL/ACL		Unit Measure -ment	MC	LG	MCL	-	Likely Source	e of Contamination	
Microbiolog	gical Co	ontamin	ants										
1. Total Coliform Bacteria	Y	September October November	Monitoring	0		NA		0		bact	e of coliform eria in 5% of thly samples	Naturally present in the environment	
Inorganic C	ontam	inants											
10. Barium	N	2019*	.1806	No Range		ppm		2		2	discharge fro	drilling wastes; om metal refineries; atural deposits	
14. Copper	N	2015/17*	.2	0		ppm		1.3	AL=	:1.3		of household ystems; erosion of posits; leaching from ervatives	
16. Fluoride	N	2019*	.147	water add strong ted fertilizer a		water additiv strong teeth;	f natural deposits; litive which promotes eth; discharge from and aluminum factories						
17. Lead	N	2015/17*	4	0	ppb 0 AL=15 Corrosion of the plumbing system		stems, erosion of						
Disinfection	By-Pr	oducts											
Chlorine	N 2	2020 1.	.3 1	1 – 1.8 ppm 0 MDRL = 4 Water micro		ter additive us robes	ed to control						
Treatment 7	<b>Techni</b>	que					1						
TT Violation	Explana		uration of iolation	Corrective Actions			Не	alth Efi	ects La	angua	age		
Ground Water Rule	Failure t Address Deficien	0 1	1/15/19 — /14/2020	The system has corrective actions longer in violation	s and i	s no	viru sud	ising o uses, a	rganisr nd para ausea,	ns. T asites	hese organism s, which can c	ntain disease- ms include bacteria, ause symptoms and associated	

 $<sup>*</sup>Most\ recent\ sample.\ No\ sample\ required\ for\ 2019.$ 

PWS ID #:	034001	U		ΓEST RESUI	110				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source	e of Contamination
Microbiolo  1. Total Coliform	gical Co	ntamina September	ants  Monitoring	0	NA	0		ce of coliform teria in 5% of	Naturally present in the environmer
Bacteria									
	Contam	inants					mor	nthly samples	
Inorganic (	Contam	inants 2019*	.0122	No Range	ppm	2	mor 2	Discharge of	f drilling wastes; om metal refineries atural deposits

14. Copper	N	2015/17*	<sub>9</sub> 1		0		ppm		1.3	AL=	1.3	plumbin natural	on of household g systems; erosion of deposits; leaching from reservatives
16. Fluoride	N	2019*	<b>.</b> 11		No Range		ppm		4		4	water ad strong to fertilizer	of natural deposits; dditive which promotes eeth; discharge from and aluminum factories
17. Lead	N	2015/17*	2		0		ppb		0	AL:	=15	plumbin	on of household og systems, erosion of deposits
Disinfection	By-P	roducts											
Chlorine	N	2020	1.4	1 –	1.91	ppm		0	MDF	RL = 4		er additiv robes	ve used to control
Treatment '	Techn	ique											
TT Violation	Explan	ation	Duration o		Corrective Actions			Hea	alth Ef	fects La	ingua	age	
Ground Water Rule	Failure Addres Deficie	s	Violation 11/15/19– 8/14/2020		The system has corrective action onger in violation	s and i	s no	viru suc	sing o	organisn and para nausea,	ns. T asites	hese org s, which o	y contain disease- anisms include bacteria, an cause symptoms hea, and associated
* Most recent samp	le. No san	iple require	d for 2020.										
PWS ID #:	03200	15		r	TEST RE	SUL	TS						
Contaminant	Violation Y/N	Date Collecte	Lev Detec		Range of Detection # of Sample Exceeding MCL/ACL	es I	Unit Measure -ment	МС	LG	MCI	-	Likely S	Source of Contamination
Microbiolog	gical (	Contam	inants										
Total Coliform     Bacteria	Y	Septemb		oring	0		NA		0		orm   % of :	ence of bacteria monthly samples	Naturally present in the environment
Inorganic C	lontan	ninants						-					
10. Barium	N	2020	.1661		No Range		ppm		2		2	dischar	rge of drilling wastes; ge from metal refineries; of natural deposits
13. Chromium	N	2020	1.3		No Range		ppb		100		100		rge from steel and pulp rosion of natural deposits
14. Copper	N	2019*	.1		0		ppm		1.3	AL=	=1.3	Corrosi plumbir natural	on of household ng systems; erosion of deposits; leaching from reservatives
16. Fluoride	N	2020	.122		No Range		ppm		4		4	water a strong fertilize	n of natural deposits; idditive which promotes teeth; discharge from r and aluminum factories
17. Lead	N	2019*	2		0		ppb		0	AL	=15	plumbir	ion of household ng systems, erosion of deposits
Volatile Or	ganic	Contan	ninants	}			1/						
76. Xylenes	N	2020	.0006		No Range		ppm		10		10	factorie	rge from petroleum s; discharge from al factories
Disinfection	ı By-P	roduct	S										
81. HAA5	N	2019*	6	No	Range	ppb		0		60		Product infection.	of drinking water
82. TTHM [Total trihalomethanes]	N	2018*	1.02	No	Range	ppb		0		80	Ву-		of drinking water

Chloring	IN	2020	115	1 – 1.84	ppm	0	MDRL = 4	Water additive used to control
Chlorine	N	2020	1.5	1 - 1.64	ррш	ŭ l	WIDI (L	microbes

<sup>\*</sup> Most recent sample. No sample required for 2020.

Microbiological Contaminants:

(1) Total Coliform/E Coli. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system.

Chlorine. Some people who use water containing chlorine well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. On System # 320003 - during September, October and November 2020, we did not complete all monitoring or testing for bacteriological and Chlorine contaminants and therefore cannot be sure of the quality of our drinking water during that time. We were required to take 2 samples and took none in September and 1 in October and November. On Systems # 320010 & # 320015 during September we were required to take 1 sample and took none. We have since taken the required sample that showed we are meeting drinking water standards.

On systems #320003 & #320010 we have received a follow up/routine violation for the Lead and Copper Rule.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Pease contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The McNair Stampley Waterworks works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

# 2020 Annual Drinking Water Quality Report

### McNair Stampley Waterworks

## PWS#:0320003, 0320010 & 0320015

### June 2021

potential sources of contamination. A report containing detailed information on how the scheduled meetings. They are held on the second Thursday of each month at 7:00 PM at curring minerals and, in some cases, radioactive materials and can pick up substances or ing water, A prescribes regulations that limit the amount of certain contaminants day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water susceptibility determinations were made has been furnished to our public water system sults. As water travels over the surface of land or underground, it dissolves naturally ocnants, such as viruses and bacteria, that may come from sewage treatment plants, septic ocesses and petroleum production, and can also come from gas stations and is designed to inform you about the quality water and services we deliver to you every quality of your water. Our water source is from wells drawing from the Catahoula Forcontaminants from the presence of animals or from human activity; microbial contamiincluding synthetic and volatile organic chemicals, which are by-products of in water gas production and mining activities. In order to ensure that tap water i mation Aquifer. The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified contact Jessie Hayden at 601.443.3446. We want our valued customers to be informed Association have received lower to moderate susceptibility rankings to contamination. the main office. We routinely monitor for contaminants in your drinking water accordtaminants. It public water systems. All drinking water, including bottled drinking to Federal and State laws. This table below lists all of the drinking water contamiso salts and metals, which can be naturally occurring or result from urban storm-water ming; pesticides and herbicides, which may come from a variety of sources such treatment process and protect our water resources. We are committed to ensuring the We're pleased to present to you this year's Annual Quality Water Report. This report about their water utility. If you want to learn more, please attend any of our regularly cases where monitoring wasn't required in 2020, the table reflects the most recent renants that we detected during the period of January 1.1 to December 3151 . 2020. In and is available for viewing upon request. The wells for the McNair Stampley Water off, industrial, or domestic wastewater discharges, oil and gas production, mining, systems, agricultural livestock operations, and wildlife; inorganic contaminants, such s san radioactive contaminants, which can be naturally occurring or be the vulture, urban storm-water runoff, and residential uses; organic chemical con-If you have any questions about this report or concerning your water utility, please

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known or expect of risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial confaminants.

Level 1 Assessment: A study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system. million corresponds to one minute in two years or a single penny in \$70,000. Parts per million (ppm) or Milligrams per liter (mg/l) - one part per Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years. or a single penny in \$10,000,000

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\* Most recent sample. No sample required for 2020.

Microbiological/ Contaminams:

environment and are used as an indicator that other. Potentially harmful. Waterborne (1) Total Coliform/E. Coli. Coliforms are bacteria that are naturally present in the pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system.

Disinfection by -products:

bacteriological and Chlorine contaminants and therefore cannot be sure of the quality service lines and home plumbing. Our Water Association's responsible for providing available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/ lead. The Mississippi State Department of Health Public Health Laboratory offers lead health effects can be obtained by calling the Environmental Protection Agency's Safe testing. Pease contact 601 576.7582 if you wish to have your water tested. All sources monthly basis. Results of regular monitoring are an indicator of whether or not our violation for the Lead and Copper Rule. If present, elevated levels of lead can cause disorders, some elderly, and infants can be particularly at risk from infections. These could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort. Chlorine. Some people who use water containing chlorine well in excess of the MRDL Lead in drinking water is primarily from materials and components associated with have undergone organ transplants, people with HIV/AIDS or other immune system cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline at 1.800.426.4791. Some people may be more vulnerable to We have since taken the required sample that showed we are meeting drinking water can minimize the potential for lead exposure by flushing your tap for 30 seconds to organic chemicals and radioactive substances. All drinking water, including bottled contaminants in drinking water than the general population. Immuno-compromised naturally occurring or man-made. These substances can be microbes, inorganic or people should seek advice about drinking water from their health care providers. 2 minutes before using water for drinking or cooking. If you are concerned about in drinking water, testing methods, and steps you can take to minimize exposure is the water poses a health risk. More information about contaminants and potential Drinking Water Hotline 1800.426.4791. The McNair Stampley Waterworks drinking water meets health standards. On System # 320003 - during September, lead in your water, you may wish to have your water tested. Information on lead We are required to monitor your drinking water for specific contaminants on a & # 320015 during September we were required to take 1 sample and took none. standards. On systems #320003 & #320010 we have received a follow up/routine plumbing components. When your water has been sitting for several hours, you serious health problems, especially for pregnant women and young children. of our drinking water during that time. We were required to take 2 samples and took none in September and 1 in October and November. On Systems # 320010 of drinking water are subject to potential contamination by substances that are contaminants. The presence of contaminants does not necessarily indicate that October and November 2020, we did not complete all monitoring or testing for persons such as persons with cancer undergoing chemotherapy, persons who water, may reasonably be expected to contain at least small amounts of some high quality drinking water but cannot control the variety of materials used in EPNCDC guidelines on appropriate means to besen the risk of infection by